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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/811,352	03/25/2004	Glen Michael Falconer	

Glen Falconer  
325 Washington Ave. So.  
Kent, WA 98032

CONFIRMATION NO. 2731  
FORMALITIES LETTER



\*OC000000012994340\*

Date Mailed: 06/18/2004

**NOTICE TO FILE CORRECTED APPLICATION PAPERS**

***Filing Date Granted***

An application number and filing date have been accorded to this application. The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- A substitute specification in compliance with 37 CFR 1.52, 1.121(b)(3), and 1.125, is required. The specification, claims, or abstract page(s) submitted is not acceptable and cannot be scanned or properly stored because:
  - The line spacing on the specification, claims, or abstract is not 1½ or double spaced (see 37 CFR 1.52(b)).

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$156** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$156** for a Small Entity

- |  |                                      |
|--|--------------------------------------|
| • Total additional claim fee(s) for this application is <b>\$156</b> | 08/10/2004 MAHMED1 00000092 10811352 |
| ■ \$129 for 3 independent claims over 3.                             | 01 FC:2202 27.00 OP                  |
| ■ \$27 for 3 total claims over 20.                                   | 02 FC:2201 129.00 OP                 |

Replies should be mailed to: Mail Stop Missing Parts

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*A copy of this notice **MUST** be returned with the reply.*

A handwritten signature consisting of the letters "Jaw" and "Nayor" written in cursive script.

Customer Service Center  
Initial Patent Examination Division (703) 308-1202  
PART 1 - ATTORNEY/APPLICANT COPY



**To:** U.S.P.T.O. Mail Stop Missing Parts P.O. Box 1450 Alexandria VA 22313-1450  
**From:** Glen Falconer 325 Washington Ave.S. Kent, WA 98032  
**Subject:** Revised P.P.A.  
**Date:** August 4, 2004

Please forward the enclosed revised P.P.A. In the general direction of my patent examiner. I hope the double spacing and check for \$156.00 are the only deficiencies holding up our progress in this matter.

I look forward to hearing from your office soon.

Thanks again

Glen Falconer





PATENT APPLICATION, H.A.L.O. HYBIRD™, GLEN FALCONER 03/30/03

(P.P.A. Revised 08/04/04)

To: Commissioner of Patents

From: Glen Falconer

United States Patent & Trademark Office

325 Washington Ave So.

P.O. Box Patent Application

Kent, WA 98032

Washington, DC 20231

(206) 699-3388

Attn: Mail Stop Missing Parts, Box 1450

Sirs:

A few years ago I was granted Letters of Patent on three (3) of my "hand board" designs #D412195, D412352, and D412353. I'm sure you'll be pleased to hear that I haven't spent the last few years without further effort on the concepts. (I haven't been slacking off!). I have been diligently developing and perfecting my designs. Fact of the matter, I have made so much progress, I feel I have invented something worthwhile.

My quest for the perfect hand foil has caused me to spend literally thousands of hours and thousands of dollars attempting to remedy deficiencies in existing available options. Many days and nights have been spent trying to fix things that simply can't be fixed. As far as I can tell "The Powers That Be" seem to believe that "ventilated potato chip shapes" make the best propulsion systems. Furthermore, they seem to believe that securing a finger to the top- side of a paddle with a rubber band or the like is a good way to go.

Which brings me to the reason I've decided to drop you a line at this time. You see my

work seems to be teaching away from both prior art as well as conventional thinking. Upon closer inspection you will find that my new hybird designs comprise a generally ridged, rounded, flat planar member with an ergonomically correct cut-out grip, and an elasticized hand securement system, which offers the thumb, fingers, hand, wrist and arm a full and complete range of motion. Additionally, the improved cutout grip is strategically positioned in such a way as to create and optimize the “weathervane” effect produced by the foil in motion. In other words, my hybird invention is such a sweet design that comparing it to modern hand paddles seems a bit unfair, to illustrate:

1. Aquatically inclined enthusiasts find my new water engaging H.A.L.O. HYBIRD™ device quite handy for swimming, aquarobics, surfing, and play boating.
2. Aeronautically inclined enthusiasts find my new air engaging H.A.L.O. HYBIRD™ device quite handy for shredding clouds and generally playing with all the sky.
3. Terrestrially inclined enthusiasts find my new earth engaging H.A.L.O. HYBIRD™ device quite handy while chasing razor clams or digging snow caves.
4. Physically challenged individuals find my new H.A.L.O. HYBIRD™ designs quite handy with respect to recreational and rehabilitation pursuits.
5. Agricultural enthusiasts find my new organic mass engaging H.A.L.O. HYBIRD™ device quite handy for processing sugar cane, bananas, and coconuts.
6. Martial arts enthusiasts find my new opponent engaging H.A.L.O. HYBIRD™ device quite handy for blocking, striking, grasping, deflecting and otherwise thwarting an advancing opponent.

7. Physical fitness enthusiasts find my new H.A.L.O. HYBIRD™ device quite handy for aerobic activities such as jogging, weight training and “T’ai-Chi”.

As you can see, the scope of my enhanced hybrid device seems somewhat boundless, and this includes discounting K9 chew toys!

Over the last couple of years, I’ve managed to combine the most desirable traits of my three patented designs into one “kickass” hybrid invention which has an ergonomically correct offset from center cut out gripping region with an infinitely adjustable releasably engaging securement system which is not only “self-truing”, but stable at speeds in excess of 120 mph!

To illustrate, my original design (D412353) is relatively large as far as hand paddles go. At approximately eleven (11) inches, it offers approx. 300% “additional” surface area to the naked hand. The board is secured to the hand by a number of short shock cords with “permanent knots and tassels” on each end. Included in this design is a safety cord with slider ball to prevent loss. In my opinion, it is an excellent design. No better product is available anywhere, at any price. Originally developed to serve as a white water swimming paddle, this design has three minor drawbacks...

1. Firstly, the paddle offering approx. 300% additional surface area to a users hand is well suited to extreme athletes in good physical condition, it is however, poorly suited to the average “wannabee”. Additionally, no provision had been made to utilize the “secondary powerface”. It’s true the shock cord securement system encompassed the wrist while the hand gripped the paddle, still, the secondary powerface played a very small role in the overall performance of the paddle.

2. Secondly, the shock cord hand securement system is not adjustable and encompassed only the wrist without bridging the top of a users hand. Shock cord, by its nature, is forgiving and comfortable, however, expert feedback indicated that the paddle could be made more productive and more comfortable if the shock cord were adjustable and bridged the top of a users hand.

3. Thirdly, the ergonomically correct cut-out gripping region is relatively thick, wide and unpadded. The grip being better suited to the human hand than any other available swimming paddle had not yet been perfected, nor had the “placement” of the grip within the paddle been perfected to optimize the self-truing “weathervane” feature.

In contrast, my current H.A.L.O. HYBIRD™ invention is considerably smaller, at approx. 9 inches. It offers approx. 200% additional surface area to the naked hand. This easier to manage size foil is secured to the hand by a “single long shock cord” that is “boot laced”, “completely adjustable”, and “tassel” free. The safety cord with slider ball is unnecessary and has been done away with. Also, “optional” heart shaped abrasion pads have been added to the ergonomically correct cut out grip for comfort. The grip itself has been “strategically positioned” in the foil to create and exploit a “weathervane effect” produced by the foil in motion. The design is really quite amazing. The faster they go the more predictable and powerful they become! And because the thumb, hand, fingers and arm have a full range of motion, performing secondary tasks such as: adjusting goggles, pulling rip cords, handling secondary objects and assisting others, are easily accomplished, thereby multitasking secondary matter, a heretofore unrealized “most exalted” benefit.

Upon closer examination, I'm sure that you will find that my instant invention, known as H.A.L.O. HYBIRD™ is a newly designed and enhanced "hybird" hand held "multipurpose" utility device which encourages multitasking secondary matter.

Additionally, you will find that I have invented a new device which is: smaller, lighter, faster, more comfortable, more cost effective, better structured, better balanced, better looking, and more novel and amusing than any of my previously patented designs.

The enclosed invention reached this level of development (as discretely as possible) late in the summer of 2002 by coordinating feedback from local experts, whose disciplines include: skydiving, swimming, martial arts, white water kayaking, board surfing, agricultural and mountaineering persons here in the Pacific Northwest, U.S.A.

Because I alone have carried the burden of development, I alone am the sole inventor. As such, I have spent these last few winter months preparing this patent application to the best of my ability.

I have not sold, granted, bartered, or licensed any development rights for any of my patented designs or derivatives thereof, to any person or entity. I have however, as of November 2002 produced and sold a dozen units of my transitional H.A.L.O./ HYDRO (morph) design to a retail outlet in Portland, Oregon, thereby establishing partial public disclosure and interstate trade, this of course helps to fortify my copyrights, trademarks, existing patents and trade dress. The balance of my H.A.L.O. HYBIRD™ designs however, have remained "top secret" and "confidential". I intend to continue test marketing while you and your staff process this application and my copyright and Trademarks are registered.

I am currently fabricating my designs from wood, metal and plastic sheet material, shock cord, “hook and loop” like strap and “optional” adhesively attached leather and wetsuit type material abrasion pads. I am employing both hand tools and hand operated power tools, such as: drills, routers, sanders, hot knives, and files, which of course are common in most workshops. I feel however, that in order to become a truly viable commercial product, my new invention will require incorporating automated production techniques such as “die-cutting” and/or injection molding, which are the common methods in production manufacturing. As you will see, I have invested much time and energy into this project. I have honestly and diligently observed the rules and “jumped through the hoops” to the best of my abilities. Most importantly, I’ve reduced to practice, a newly enhanced hybrid hand held utility device and methods of multitasking secondary matter. Now I turn to you, the Commissioner of Patents, seeking your assistance in broadening, strengthening and fortifying my U.S. patent rights. I believe that the American economy will benefit quite handsomely from the introduction of my H.A.L.O. HYBIRD™ Tec knowledge. However, I am concerned that because this is my first attempt at a “real” patent, I may have unwittingly left a door open to unethical offshore interference by initiating partial public disclosure before filing foreign patent applications. Indeed it would be unfortunate to find American manufacturers being forced to compete with offshore interests here at home. As you review the materials before you, please try to keep an open mind, and give some thought to helping me preclude unethical circumnavigation on American soil. With this in mind, I trust you will look into this matter of importance at your earliest convenience. Please forward any necessary documentation you feel prudent, that I will complete and return for your

further consideration. I look forward to assisting your prosecution of my patent, and hope to discuss the potential of building the "mother of all patents" with you soon. In advance, let me thank you and your staff for your attention to this matter. I know you folks are pretty darn busy, however, I hope you can find time to help me give the world the "good paddling" it so richly deserves.

**Happy Trails, Tasty Waves and Blue Sky's...**

  
Glen Falconer  
Glen Falconer